

AMENDMENTS TO THE SPECIFICATION WITH MARKINGS TO SHOW CHANGES MADE

Amend the following paragraph(s):

[0011] -- An advantage of an injection molding machine according to the present invention is the use of a single pressure source for the hydraulic force assist for the plasticizing unit as well as for the operation of the clamping unit, be it for opening and closing the clamping unit and/or build up of the clamping pressure. The use of a single pressure source is made possible by the recognition that the hydraulic force assist and the operation of the clamping unit occur as at different time instances. For example, there is no need to apply a clamping pressure or to carry out the injection process, when the platens of the clamping unit are closed or opened. Application of clamping pressure takes place immediately after closing the clamping unit and can be maintained through use of a control valve without operation of the pressure source. When the injection process is initiated, there is no need to apply a clamping pressure so that the pressure source can now be used for assisting the operation of the plasticizing unit.--.

[0038] -- During the injection process, the electric motor 1 is energized to move the plasticizing screw 4 in axial direction. Control valve 9 is switched suitably to supply pressure to the pressure chambers 10 of the piston and cylinder assemblies integrated in the housing 20 so that the pistons 7 are pushed forwards to act via the traverse 8 upon the shaft 18 of the plasticizing screw ~~[[8]]~~ 4. The forces of the piston and cylinder assemblies are hereby added to the force applied by the electric motor 1, while the precision of movement is maintained as the electric motor 1 can be controlled in a precise manner. It is even possible that the electric motor 1 produces a force to oppose the hydraulic force. The rotary degree of freedom of the shaft 18 of the plasticizing screw 4 in relation to the traverse 8 is realized by the bearing assembly 19.--